

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
1 September 2005 (01.09.2005)

PCT

(10) International Publication Number  
**WO 2005/080934 A1**

(51) International Patent Classification<sup>7</sup>: **G01M 3/18**,  
G01N 17/00

(21) International Application Number:  
PCT/GB2005/000470

(22) International Filing Date: 11 February 2005 (11.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
0403164.7 12 February 2004 (12.02.2004) GB

(71) Applicant (for all designated States except US): **DYNA-  
LOG ELECTRONICS LTD** [GB/GB]; PO BOX 1073,  
Bristol BS99 1HF (GB).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **BARNES, Peter**  
[GB/GB]; PO BOX 1073, Bristol BS99 1HF (GB).

(74) Agents: **SMITH, Norman, Ian**, et al.; F J Cleveland,  
40-43 Chancery Lane, London WC2A 1JQ (GB).

(81) Designated States (unless otherwise indicated, for every  
kind of national protection available): AE, AG, AL, AM,  
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,  
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,  
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,  
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,  
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,  
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,  
ZW.

(84) Designated States (unless otherwise indicated, for every  
kind of regional protection available): ARIPO (BW, GH,  
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,  
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),  
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,  
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,  
GQ, GW, ML, MR, NE, SN, TD, TG).

**Declaration under Rule 4.17:**

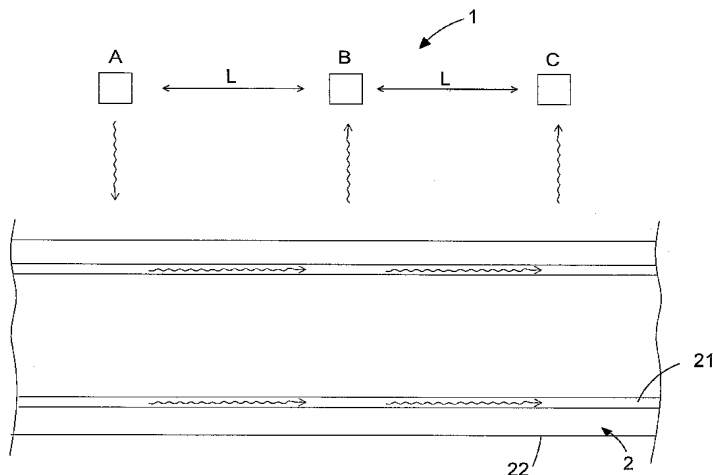
— of inventorship (Rule 4.17(iv)) for US only

**Published:**

— with international search report

[Continued on next page]

(54) Title: SURVEYING OF BURIED PIPELINES



(57) Abstract: A method of surveying a pipeline is provided. The pipeline comprises a tubular member with a protective wrapping. The method comprises the steps of applying signal to the pipeline from a first location, which first location is remote from the pipeline, and measuring the signal from a second and third locations. The second and third locations are remote from the pipeline and the second location is spaced from the third location along the pipeline. The signals received at the second and third location are used to provide an indication of deterioration of the signal along the tubular member and/or wrapping between the second and third locations.

WO 2005/080934 A1



---

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*